

Converting Colors

$Yxy(91.0337, 0.2977, 0.3524)$

Have a look what the booklet for
Yxy(91.0337, 0.2977, 0.3524)
contains.

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Color

Yxy(91.1048, 0.2977, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFE9
RGB	210, 255, 233
RGB Percent	82%, 100%, 91%
CMY	0.1768, 0.0000, 0.0863
CMYK	0.18, 0.00, 0.09, 0.00
HSL	151°, 100%, 91%
HSV	151°, 18%, 100%
XYZ	77.0290, 91.1048, 90.6132
YIQ	239.0370, -19.7580, -16.3820

Conversions

Conversions Part 2

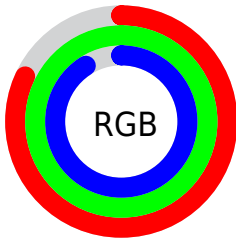
Format	Color
R _Y B	210, 240, 255
Decimal	13828073
CIE Lab	96.45, -18.54, 5.76
CIE LCh	96, 19.419, 162.738
Yxy	91.1048, 0.2977, 0.3521
Android (android.graphics.Color)	4292018153 (0xFFD2FFE9)
YUV	239.0370, -2.9762, -25.4654
Hunter-Lab	95.4488, -22.9827, 10.5279

Details

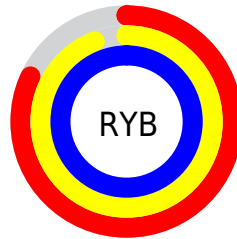
The Yxy color **91.1048, 0.2977, 0.3521** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.1365, 0.3309, 0.3070**, and the grayscale version is **86.3619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5311, 0.2947, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **86.9591, 0.2897, 0.3672**, and if you desaturate by 10%, it is **95.8738, 0.3061, 0.3385**.

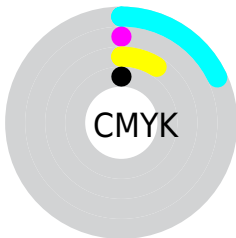
Distribution



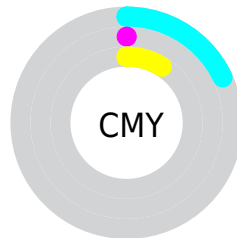
- Red (82%)
- Green (100%)
- Blue (91%)



- Red (82%)
- Yellow (94%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.1048, 0.2977, 0.3521 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.1048, 0.2977, 0.3521 by changing the saturation by 10% instead.


 91.1048, 0.2977,
0.3521

 91.1048, 0.2977,
0.3521


531.6182, 0.3045,
0.3417

 68.8973, 0.2962,
0.3544

148.8721, 0.3000,
0.3485

 50.6281, 0.2944,
0.3573


185.2006, 0.3009,
0.3471

 35.9127, 0.2921,
0.3609


227.0050, 0.3017,
0.3459

 24.3668, 0.2891,
0.3655

274.6697, 0.3024,
0.3448

 15.6059, 0.2852,
0.3717

328.5789, 0.3030,
0.3439

 9.2457, 0.2797,
0.3804

389.1171, 0.3035,

 4.9018, 0.2714,

0.3431

456.6688, 0.3040,
0.3423

0.3935

■ 2.1898, 0.2578,
0.4156

■ 0.7144, 0.1720,
0.5430

■ 91.1048, 0.2977,
0.3521

■ 91.1048, 0.2977,
0.3521

■ 86.9591, 0.2897,
0.3672

■ 95.8738, 0.3061,
0.3385

■ 83.4422, 0.2825,
0.3837

100.0000, 0.3127,
0.3290

■ 80.5110, 0.2763,
0.4014

■ 78.1311, 0.2716,
0.4201

■ 76.2642, 0.2685,
0.4394

■ 74.8673, 0.2675,
0.4589

■ 73.8894, 0.2685,
0.4779

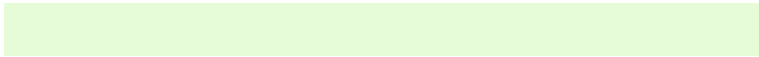
■ 73.2636, 0.2714,
0.4959

■ 73.1462, 0.2722,
0.5000

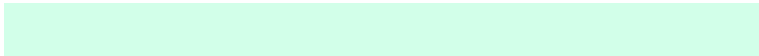
Harmonies

Analogous

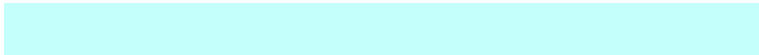
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1048, 0.3193, 0.3649



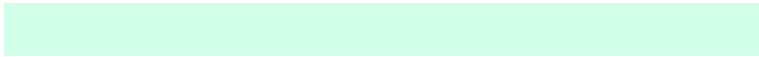
91.1048, 0.2977, 0.3521



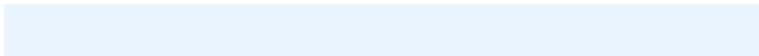
91.1048, 0.2806, 0.3327

Triad

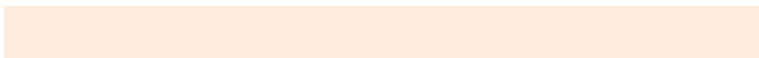
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1048, 0.2977, 0.3521



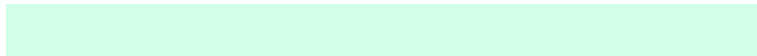
91.1048, 0.2857, 0.2927



91.1048, 0.3553, 0.3427

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



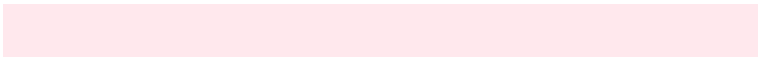
91.1048, 0.2977, 0.3521



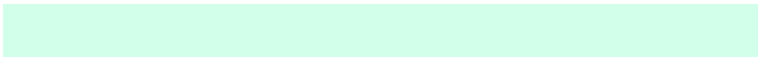
73.1365, 0.3309, 0.3070

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1048, 0.3457, 0.3242



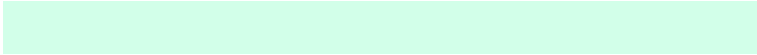
91.1048, 0.2977, 0.3521



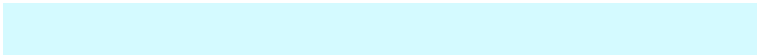
91.1048, 0.3050, 0.2961

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.1048, 0.2977, 0.3521



91.1048, 0.2738, 0.2986



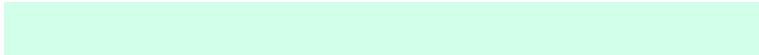
91.1048, 0.3271, 0.3074



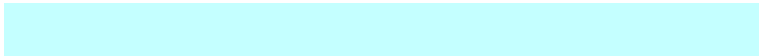
91.1048, 0.3530, 0.3584

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



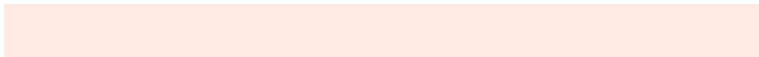
91.1048, 0.2977, 0.3521



91.1048, 0.2737, 0.3192



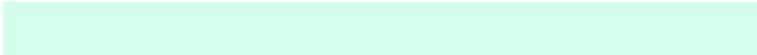
91.1048, 0.3271, 0.3074



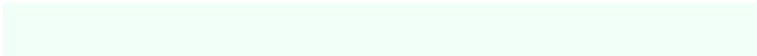
91.1048, 0.3533, 0.3366

Sweetspot

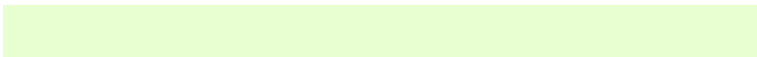
The Sweet Spot groups the original color and five complimentary colors.



91.0933, 0.2977, 0.3521



97.2672, 0.3084, 0.3351



93.4023, 0.3247, 0.3753



20.7399, 0.3078, 0.3359



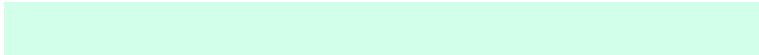
0.0000, 0.0000, 0.0000



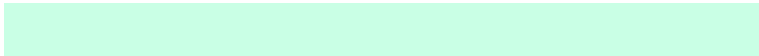
21.4041, 0.3127, 0.3290

Same Dimension

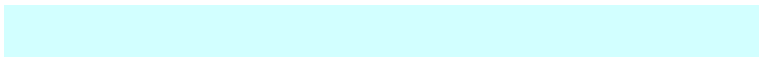
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0933, 0.2977, 0.3521



89.6495, 0.2950, 0.3569



92.4302, 0.2860, 0.3289



20.3234, 0.3046, 0.3408



38.2508, 0.2714, 0.4971



3.7464, 0.2657, 0.4766

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73.1365, 0.3309, 0.3070



68.8219, 0.3350, 0.3027



71.9639, 0.3471, 0.3291



18.1349, 0.3217, 0.3175



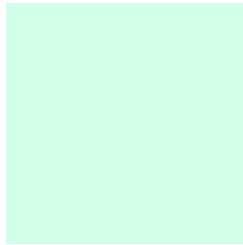
11.9053, 0.5015, 0.2536



1.1812, 0.4754, 0.2393

Previews

White Background



This preview shows how the Yxy color 91.1048, 0.2977, 0.3521 looks on a white background.

Color Contrast Check

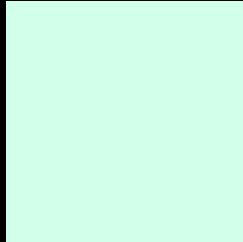
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.1048, 0.2977, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

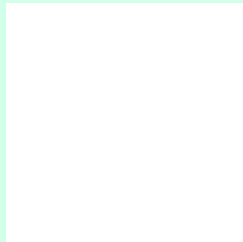
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1048, 0.2977, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 91.1048, 0.2977, 0.3521.

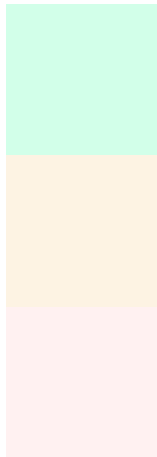


This preview shows how white text looks on a background with the Yxy color 91.1048, 0.2977, 0.3521.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.1048, 0.2977, 0.3521

Protanopia

90.5299, 0.3292, 0.3448

Deuteranopia

90.5215, 0.3219, 0.3290



Tritanopia

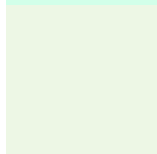
90.4552, 0.2993, 0.3200

Trichromacy



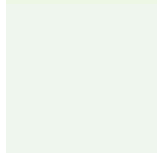
Original Color

91.1048, 0.2977, 0.3521



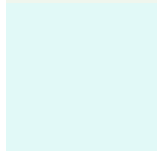
Protanomaly

90.1832, 0.3170, 0.3472



Deuteranomaly

90.4353, 0.3130, 0.3370



Tritanomaly

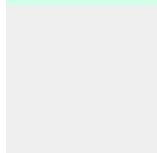
90.4743, 0.2989, 0.3310

Monochromacy



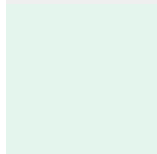
Original Color

91.1048, 0.2977, 0.3521



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.9132, 0.3066, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1048, 0.2977, 0.3521 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 233) }
```

Border

The CSS property to change the border of an element to Yxy 91.1048, 0.2977, 0.3521 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 255, 233) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(210, 255, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(210, 255, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1048, 0.2977, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
255, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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